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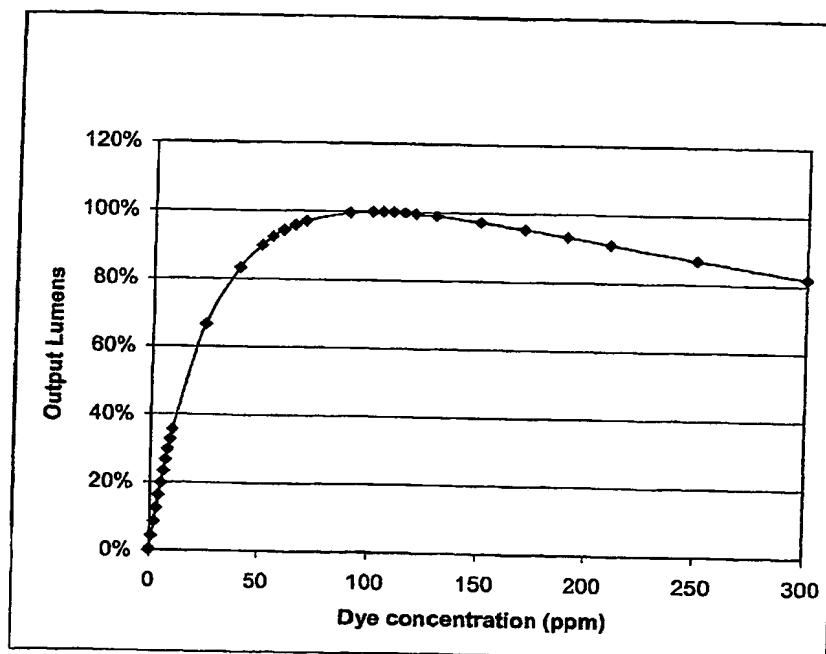
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(54) Title: A LIGHT COLLECTOR



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(57) Abstract: The present invention provides a light collector. The light collector has a concentration C of dye molecules which absorb and emit light. The dye molecules are dispersed in a light transmissive medium and the concentration C is selected to reduce attenuation that light will suffer due to re-absorption or scattering in the main emission wavelength range of the dye molecules so that the combined emission and absorption efficiency of the light collector is increased.